L Number	Hits	Search Text	DB	Time stamp
1	1	("20030080390").PN.	USPAT; US-PGPUB	2004/06/09 12:29
2	3	(	USPAT;	2004/06/09
3	1261	, ,	US-PGPUB USPAT;	2004/06/09
		same (opening or hole or trench or recess or aperture) and ((gate or electrode)	US-PGPUB	13:12
		with titanium) and spacer and (source or drain)		
4	1261	((dielectric or insulating or insulator) same (opening or hole or trench or recess	USPAT; US-PGPUB	2004/06/09
		or aperture)) and ((gate or electrode)	05 10105	12.33
_		with titanium) and spacer and (source or drain)		
5	902	(((dielectric or insulating or insulator) same (opening or hole or trench or recess	USPAT; US-PGPUB	2004/06/09 13:14
		or aperture)) and ((gate or electrode) with titanium) and spacer and (source or		
6	243	drain)) and @ad<20011101	USPAT;	2004/06/09
		insulator) same (opening or hole or trench or recess or aperture)) and ((gate	US-PGPUB	13:14
		or electrode) with titanium) and spacer		
		and (source or drain)) and @ad<20011101) and (barrier or (titanium adj nitride)		
		or tungsten or aluminum or copper) with (opening or hole or trench or recess or		
7	204	aperture)) (((((dielectric or insulating or	USPAT;	2004/06/09
		insulator) same (opening or hole or trench or recess or aperture)) and ((gate	US-PGPUB	13:15
		or electrode) with titanium) and spacer		
		and (source or drain)) and @ad<20011101) and ((barrier or (titanium adj nitride)		
		or tungsten or aluminum or copper) with (opening or hole or trench or recess or		
8	863	aperture))) and transistor (gate with (dielectric or insulating or	USPAT;	2004/06/09
		insulator)) and ((dielectric or insulating or insulator) with (opening or	US-PGPUB	13:16
		hole or trench or recess or aperture)) and ((gate or electrode) with titanium)		
9	739	and spacer and (source or drain)	USPAT;	2004/06/09
	733	insulator)) and ((dielectric or	US-PGPUB	13:14
		insulating or insulator) with (opening or hole or trench or recess or aperture))		
		and ((gate or electrode) with titanium) and spacer and (source or drain)		
10	242	((gate near3 (dielectric or insulating or insulator)) and ((dielectric or	USPAT; US-PGPUB	2004/06/09 13:14
		insulating or insulator) with (opening or hole or trench or recess or aperture))		
		and ((gate or electrode) with titanium) and spacer and (source or drain)) and		
		((barrier or (titanium adj nitride) or tungsten or aluminum or copper) with		
		(opening or hole or trench or recess or		
11	161	aperture)) (((gate near3 (dielectric or insulating	USPAT;	2004/06/09
		or insulator)) and ((dielectric or insulating or insulator) with (opening or	US-PGPUB	13:18
		hole or trench or recess or aperture)) and ((gate or electrode) with titanium)		
		and spacer and (source or drain)) and ((barrier or (titanium adj nitride) or		
		tungsten or aluminum or copper) with (opening or hole or trench or recess or		
		aperture))) and @ad<20011101		

12	149	((((gate near3 (dielectric or insulating or insulator)) and ((dielectric or insulating or insulator) with (opening or hole or trench or recess or aperture)) and ((gate or electrode) with titanium) and spacer and (source or drain)) and ((barrier or (titanium adj nitride) or tungsten or aluminum or copper) with (opening or hole or trench or recess or aperture))) and @ad<20011101) and transistor	USPAT; US-PGPUB	2004/06/09 13:15
13	0	<pre>(((((gate near3 (dielectric or insulating   or insulator)) and ((dielectric or   insulating or insulator) with (opening or   hole or trench or recess or aperture))   and ((gate or electrode) with titanium)   and spacer and (source or drain)) and   ((barrier or (titanium adj nitride) or   tungsten or aluminum or copper) with   (opening or hole or trench or recess or   aperture))) and @ad&lt;20011101) and   transistor) not (((((dielectric or   insulating or insulator) same (opening or   hole or trench or recess or aperture))   and ((gate or electrode) with titanium)   and spacer and (source or drain)) and   @ad&lt;20011101) and ((barrier or (titanium   adj nitride) or tungsten or aluminum or   copper) with (opening or hole or trench   or recess or aperture))) and transistor)</pre>	USPAT; US-PGPUB	2004/06/09 13:15
14	4	(gate with (dielectric or insulating or insulator)) and ((dielectric or insulating or insulating or hole or trench or recess or aperture)) and ((gate or electrode) with titanium) and spacer and (source or drain)	EPO; JPO; DERWENT; IBM_TDB	2004/06/09 13:15
15	9972	(gate with (dielectric or insulating or insulator)) with (opening or hole or trench or recess or aperture)	USPAT; US-PGPUB	2004/06/09 13:17
16	900	((gate with (dielectric or insulating or insulator)) with (opening or hole or trench or recess or aperture)) and (barrier with (opening or hole or trench or recess or aperture))	USPAT; US-PGPUB	2004/06/09 13:18
17	237	(((gate with (dielectric or insulating or insulator)) with (opening or hole or trench or recess or aperture)) and (barrier with (opening or hole or trench or recess or aperture))) and spacer	USPAT; US-PGPUB	2004/06/09 13:18
18	186	((((gate with (dielectric or insulating or insulator)) with (opening or hole or trench or recess or aperture)) and (barrier with (opening or hole or trench or recess or aperture))) and spacer) and @ad<20011101	USPAT; US-PGPUB	2004/06/09 13:18
19	161	<pre>(((((gate with (dielectric or insulating or insulator)) with (opening or hole or trench or recess or aperture)) and (barrier with (opening or hole or trench or recess or aperture))) and spacer) and @ad&lt;20011101) not (((((dielectric or insulating or insulator) same (opening or hole or trench or recess or aperture)) and ((gate or electrode) with titanium) and spacer and (source or drain)) and @ad&lt;20011101) and ((barrier or (titanium adj nitride) or tungsten or aluminum or copper) with (opening or hole or trench or recess or aperture))) and transistor)</pre>	USPAT; US-PGPUB	2004/06/09 13:18

20	117	((((((gate with (dielectric or insulating or insulator)) with (opening or hole or trench or recess or aperture)) and (barrier with (opening or hole or trench or recess or aperture))) and spacer) and (@ad<20011101) not (((((dielectric or insulating or insulator) same (opening or hole or trench or recess or aperture)) and ((gate or electrode) with titanium) and spacer and (source or drain)) and (@ad<20011101) and ((barrier or (titanium)	USPAT; US-PGPUB	2004/06/09 13:39
		adj nitride) or tungsten or aluminum or copper) with (opening or hole or trench or recess or aperture))) and transistor)) and transistor	•	
21	1	("6261934").PN.	USPAT; US-PGPUB	2004/06/09 14:29
22	2678	438/301-303,305,364,372.ccls. and @ad<20011101	USPAT; US-PGPUB	2004/06/09 14:30
23	346	(438/301-303,305,364,372.ccls. and @ad<20011101) and transistor and barrier and sidewall	USPAT; US-PGPUB	2004/06/09 14:30